

# Shift Security Practices Left. All the way Left.

## Winners innovate, Losers don't:

The best and the brightest use precise open source component intelligence early, everywhere, and at scale.

## Here's why:

Open source component usage is massive and it's growing.



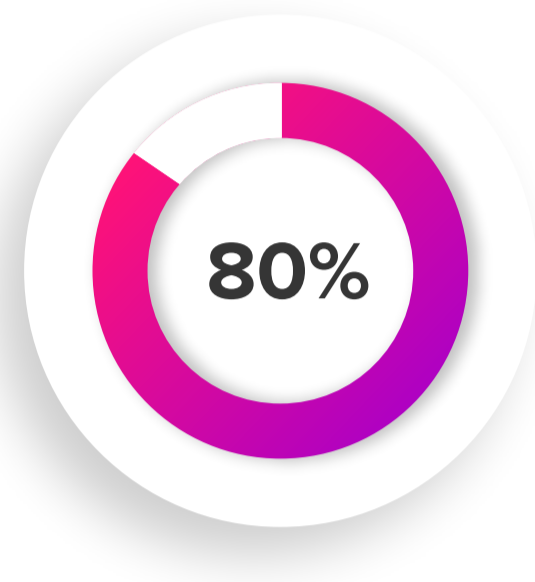
**7,000 new projects and 70,000** open source components (versions) are released every week



**Over 100 billion download** requests of Java, npm, PyPI, and RubyGems in 2018



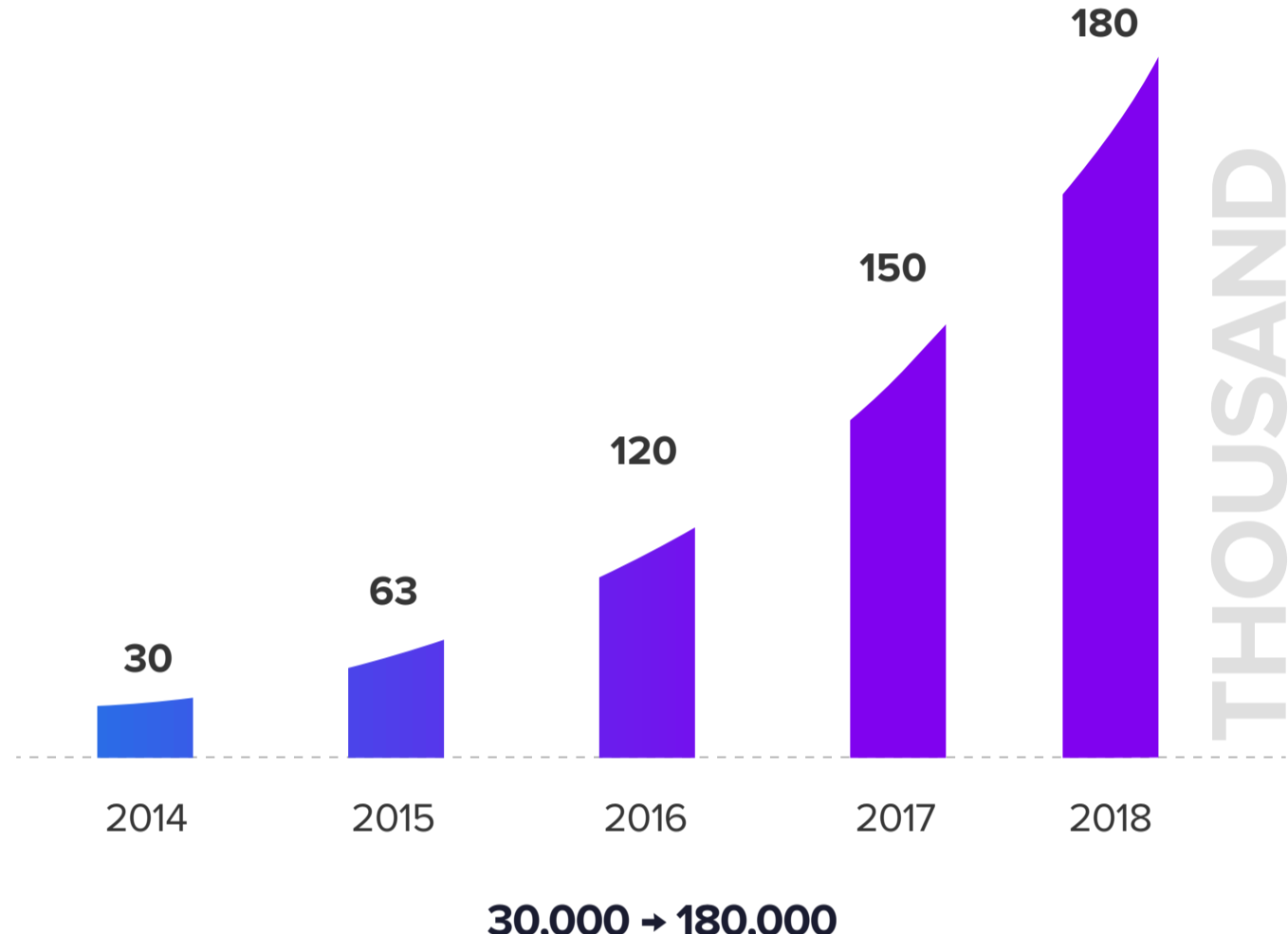
**200,000+** components downloaded by an average company annually



**80%** of an application is made up of open source components

## It must be managed.

The best organizations manage component sourcing through repository managers. The rest employ free-for-all-methods.



## It must be secure.

How do the best organizations harness all the good and none of the bad?



**1 in 16** open source component downloads contain a known security vulnerability



**40%** of organizations are increasing their level of component analysis using **Repository Health Check (RHC)**



**23,000** organizations use RHC daily to measure the 58 million components living inside local repositories

## It must be automated.

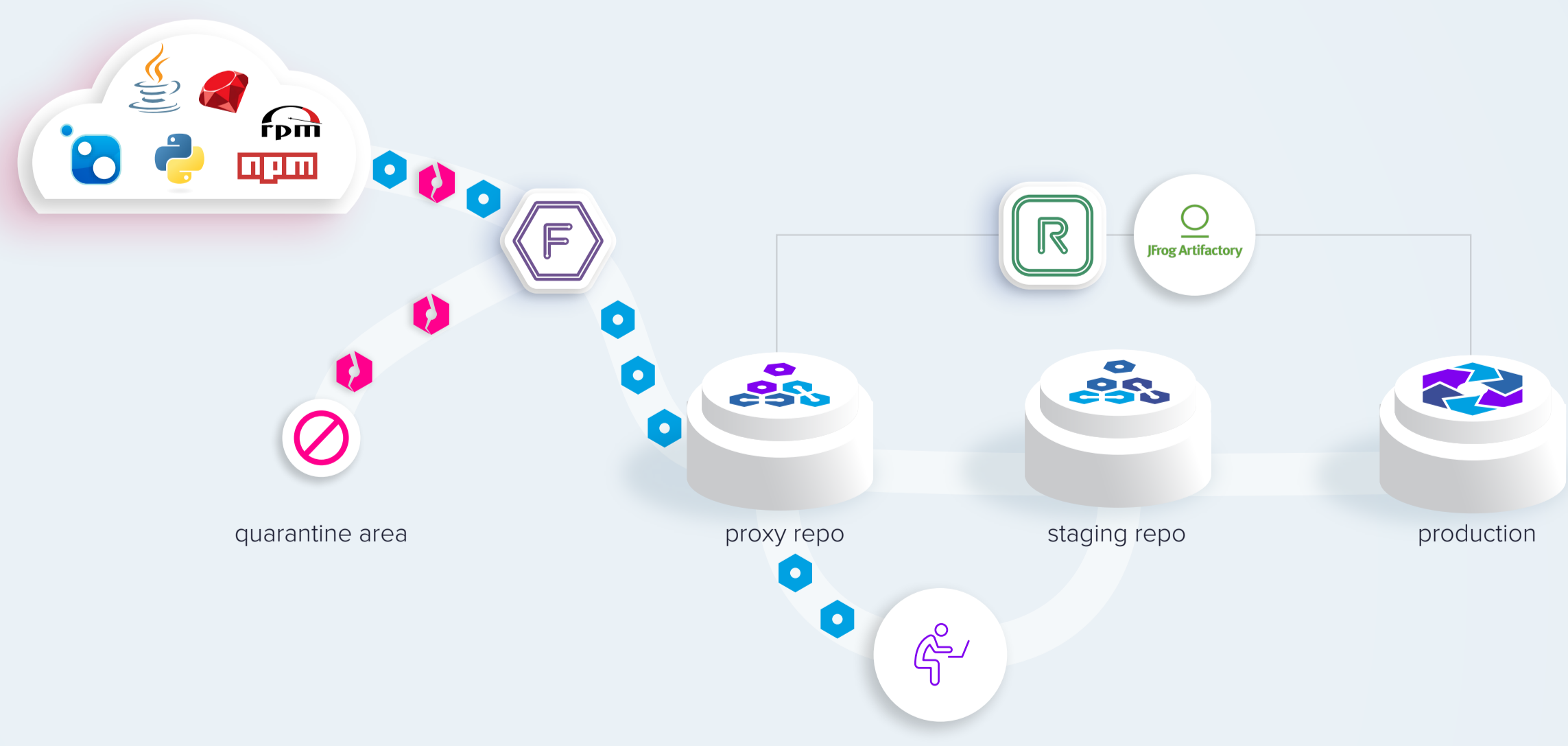
According to Gartner:

- By 2019, more than **70% of enterprise DevOps initiatives will have incorporated automated security vulnerability** and configuration scanning for open source components
- “Implement an **‘OSS firewall’** to proactively prevent developers from downloading known vulnerable code.”

## Build quality in from the start.

Create value early in the development process by automatically blocking defective components.

### Nexus Firewall



Easily identify good components from bad components and block the bad ones from entering your Nexus or Artifactory repository through customized policies.

## Learn more

- Watch the videos: [Nexus Firewall for RubyGems](#) and [Nexus Firewall for Artifactory](#)
- Read the Blog - [Nexus Firewall Now Supports Artifactory Customers](#)
- [Take a tour of Nexus Firewall](#)